

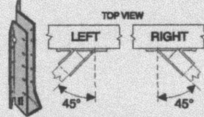


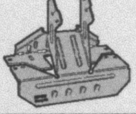



FRAMING CONNECTORS (SIMPSON STRONG-TIE®)

Joist		Single Joist—Top Mount				Single Joist—Face Mount				Face Mount Skewed 45° Joist Hanger ⁽¹⁾			
													
Depth	TJI®	Hanger	Capacity (lbs)	Nailing		Hanger	Capacity (lbs)	Nailing		Hanger	Capacity (lbs)	Nailing	
				Header	Joist			Header	Joist			Header	Joist
9½"	110	ITS1.81/9.5	975	10d	N.A.	IUS1.81/9.5	950	10d	N.A.	<i>SUR/L1.81/9</i>	1,220	16d	10d x 1½"
	210	ITS2.06/9.5	1,070	10d	N.A.	IUS2.06/9.5	950	10d	N.A.	<i>SUR/L2.1/9</i>	1,330	16d	10d x 1½"
	230	ITS2.37/9.5	1,120	10d	N.A.	IUS2.37/9.5	950	10d	N.A.	<i>SUR/L2.37/9</i>	1,330	16d	10d x 1½"
11⅞"	110	ITS1.81/11.88	975	10d	N.A.	IUS1.81/11.88 ⁽¹⁾	975	10d	N.A.	<i>SUR/L1.81/11</i>	1,240	16d	10d x 1½"
	210	ITS2.06/11.88	1,070	10d	N.A.	IUS2.06/11.88 ⁽¹⁾	1,070	10d	N.A.	<i>SUR/L2.1/11</i>	1,380	16d	10d x 1½"
	230	ITS2.37/11.88	1,120	10d	N.A.	IUS2.37/11.88 ⁽¹⁾	1,120	10d	N.A.	<i>SUR/L2.37/11</i>	1,410	16d	10d x 1½"
	360	ITS2.37/11.88	1,140	10d	N.A.	IUS2.37/11.88 ⁽¹⁾	1,140	10d	N.A.	<i>SUR/L2.37/11</i>	1,430	16d	10d x 1½"
	560	ITS3.56/11.88 ⁽⁶⁾	1,150	10d	N.A.	IUS3.56/11.88 ⁽¹⁾⁽⁶⁾	1,150	10d	N.A.	<i>SUR/L410</i>	1,495	16d	16d
14"	110	ITS1.81/14	975	10d	N.A.	IUS1.81/14 ⁽¹⁾	975	10d	N.A.	<i>SUR/L1.81/14</i>	1,240	16d	10d x 1½"
	210	ITS2.06/14	1,070	10d	N.A.	IUS2.06/14 ⁽¹⁾	1,070	10d	N.A.	<i>SUR/L2.1/11</i>	1,380	16d	10d x 1½"
	230	ITS2.37/14	1,120	10d	N.A.	IUS2.37/14 ⁽¹⁾	1,120	10d	N.A.	<i>SUR/L2.37/14</i>	1,410	16d	10d x 1½"
	360	ITS2.37/14	1,140	10d	N.A.	IUS2.37/14 ⁽¹⁾	1,140	10d	N.A.	<i>SUR/L2.37/14</i>	1,430	16d	10d x 1½"
	560	ITS3.56/14 ⁽⁶⁾	1,150	10d	N.A.	IUS3.56/14 ⁽¹⁾⁽⁶⁾	1,150	10d	N.A.	<i>SUR/L414</i>	1,460	16d	16d
16"	210	ITS2.06/16	1,070	10d	N.A.	IUS2.06/16 ⁽¹⁾	1,070	10d	N.A.	<i>SUR/L2.1/11</i>	1,380	16d	10d x 1½"
	230	ITS2.37/16	1,120	10d	N.A.	IUS2.37/16 ⁽¹⁾	1,120	10d	N.A.	<i>SUR/L2.37/14</i>	1,410	16d	10d x 1½"
	360	ITS2.37/16	1,140	10d	N.A.	IUS2.37/16 ⁽¹⁾	1,140	10d	N.A.	<i>SUR/L2.37/14</i>	1,430	16d	10d x 1½"
	560	ITS3.56/16 ⁽⁶⁾	1,150	10d	N.A.	IUS3.56/16 ⁽¹⁾⁽⁶⁾	1,150	10d	N.A.	<i>SUR/L414</i>	1,460	16d	16d

Joist		Double Joist—Top Mount				Double Joist—Face Mount			
									
Depth	TJI®	Hanger	Capacity (lbs)	Nailing		Hanger	Capacity (lbs)	Nailing	
				Header	Joist			Header	Joist
9½"	110	<i>MIT49.5</i>	2,115	16d	10d x 1½"	<i>MIU3.56/9⁽⁷⁾</i>	2,215	16d	10d x 1½"
	210	<i>MIT4.28/9.5</i>	2,115	16d	10d x 1½"	<i>MIU4.28/9</i>	2,305	16d	10d x 1½"
	230	<i>MIT359.5-2</i>	2,115	16d	10d x 1½"	<i>MIU4.75/9</i>	2,305	16d	10d x 1½"
11⅞"	110	<i>MIT411.88</i>	2,115	16d	10d x 1½"	<i>MIU3.56/11⁽⁷⁾</i>	2,215	16d	10d x 1½"
	210	<i>MIT4.28/11.88</i>	2,115	16d	10d x 1½"	<i>MIU4.28/11⁽⁷⁾</i>	2,395	16d	10d x 1½"
	230	<i>MIT3511.88-2</i>	2,115	16d	10d x 1½"	<i>MIU4.75/11⁽⁷⁾</i>	2,490	16d	10d x 1½"
	360	<i>MIT3511.88-2</i>	2,115	16d	10d x 1½"	<i>MIU4.75/11</i>	2,525	16d	10d x 1½"
	560	<i>B7.12/11.88</i>	2,925	16d	16d	<i>HU412-2</i>	2,380	16d	16d
14"	110	<i>MIT414</i>	2,115	16d	10d x 1½"	<i>MIU3.56/14⁽⁷⁾</i>	2,215	16d	10d x 1½"
	210	<i>MIT4.28/14</i>	2,115	16d	10d x 1½"	<i>MIU4.28/14⁽⁷⁾</i>	2,395	16d	10d x 1½"
	230	<i>MIT3514-2</i>	2,115	16d	10d x 1½"	<i>MIU4.75/14⁽⁷⁾</i>	2,490	16d	10d x 1½"
	360	<i>MIT3514-2</i>	2,115	16d	10d x 1½"	<i>MIU4.75/14⁽⁷⁾</i>	2,525	16d	10d x 1½"
	560	<i>B7.12/14</i>	2,925	16d	16d	<i>HU414-2</i>	2,925	16d	16d
16"	210	<i>LBV4.28/16</i>	2,395	16d	10d x 1½"	<i>MIU4.28/16⁽⁷⁾</i>	2,395	16d	10d x 1½"
	230	<i>LBV4.75/16</i>	2,115	16d	10d x 1½"	<i>MIU4.75/16⁽⁷⁾</i>	2,490	16d	10d x 1½"
	360	<i>LBV4.75/16</i>	2,115	16d	10d x 1½"	<i>MIU4.75/16⁽⁷⁾</i>	2,525	16d	10d x 1½"
	560	<i>B7.12/16</i>	2,925	16d	16d	<i>HU414-2</i>	2,925	16d	16d

Joist		Variable Slope Seat Connector ⁽²⁾			
					
TJI®	Hanger	Capacity (lbs)	Nailing		
			Header	Joist	
110	VPA25	975	10d	10d x 1½"	
210	VPA2.1	1,070	10d	10d x 1½"	
230	VPA35	1,120	10d	10d x 1½"	
360	VPA35	1,140	10d	10d x 1½"	
560	VPA4	1,230	10d	10d x 1½"	

Hanger information on these two pages was provided by either Simpson Strong-Tie® or USP Structural Connectors®. For additional information, please refer to their literature.

Joist		Variable Slope Seat Joist Hanger ⁽³⁾			
					
TJI®	Hanger	Capacity (lbs)		Nailing	
		Sloped Only	Sloped and Skewed	Header	Joist
110	<i>LSSU125</i>	1,110 ⁽⁴⁾	995	10d	10d x 1½"
210	<i>LSSU2.1</i>	1,110 ⁽⁴⁾	995	10d	10d x 1½"
230	<i>LSSU135</i>	1,110 ⁽⁴⁾	995	10d	10d x 1½"
360	<i>LSSU135</i>	1,110 ⁽⁴⁾	995	10d	10d x 1½"
560	<i>LSSU410</i>	1,725 ⁽⁴⁾	1,625	16d	10d x 1½"

General Notes

Italic hangers require web stiffeners.

Capacities will vary with different nailing criteria or other support conditions; contact your Weyerhaeuser representative for assistance.

- Hanger capacities shown are either joist bearing capacity or hanger capacity—whichever is less. Joist end reaction must be checked to ensure it does not exceed the capacity shown in the tables.
- All capacities are for downward loads at 100% duration of load.
- Fill all round, dimple, and positive-angle nail holes.
- Use sloped seat hangers and beveled web stiffeners when TJI® joist slope exceeds ¼:12.
- Leave ¼" clearance (½" maximum) between the end of the supported joist and the header or hanger.
- Nails: 16d = 0.162" x 3½", 10d = 0.148" x 3", and 10d x 1½" = 0.148" x 1½".

See additional notes on page 19